DIVISION OF INDUSTRY SERVICES
Plumbing Product Review
P.O. Box 2658
Madison, Wisconsin 53701-2658
TTY: Contact Through Relay

Scott Walker, Governor
Dave Ross, Secretary

November 7, 2014

LANDFILL REMEDIATION TRUST

Re: Description: WATER TREATMENT DEVICE - ACTIVATED CARBON
Manufacturer: LANDFILL REMEDIATION TRUST
Product Name: VOC FILTERS (POE)
Model Number(s): JL-100 AND JL-300 (POE)
Product File No: 20140319

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters SPS 382 through 384, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an approval based on the Wisconsin Statutes and the Wisconsin Administrative Code. This approval is valid until the end of November 2019.

This approval supersedes the approval issued on October 30, 2009 under product file number 20090342.

This approval is contingent upon compliance with the following stipulation(s):

- This product has undergone sufficient testing to document the product's ability to reduce only those contaminants and/or substances as specified in this approval letter when the product is installed and maintained in strict accordance with the manufacturer's published instructions.

- Where the Department of Natural Resources (DNR) has jurisdiction, a written approval may be required prior to installation of this product in a water supply system to reduce the concentration of a contaminant that exceeds the primary drinking water standards contained in ch. NR 809, Wis. Admin. Code, the enforcement standards contained in ch. NR 140, Wis. Admin. Code, or for a water supply system that is subject to a written advisory opinion by the DNR. For more information contact the DNR Section of Private Water Systems, P.O. Box 7921, Madison, WI 53707, telephone (608) 267-9787.

- If these approved devices are modified or additional assertions of function or performance are made, then this approval shall be considered null and void, unless the change is submitted to the department for review and the approval is reaffirmed.

- These devices are not commercially available on the open market. These devices are strictly limited to use by the Landfill Remediation Trust to satisfy a signed consent decree with the Wisconsin Department of Natural Resources.

- All product literature, labeling an promotional materials shall be revised to depict current and accurate contact information for Cedar Corporation.

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

TABLE 1 OF 2
PRODUCT FILE NUMBER 20140319
JL-100 ORGANIC CHEMICAL REDUCTION CAPABILITIES

Flow Rate: 22.7 liters per minute (lpm) [6.0 gallons per minute (gpm)]
Capacity: 483,094 liters (l) [127,620 gallons (gals.)]

Tested Contaminants	Influent Challenge Concentration (µg/l)[1]	Max. Permissible Effluent Concentration (µg/l)[1]
1,1,1-trichloroethane	15.8	200
Trichloroethylene	11.5	5.0

Other conditions: The contaminant reduction capabilities displayed in Table 1 of 2 were generated by testing conducted under actual field end use conditions in the Town of Hudson, St. Croix County, WI. The concentrations of the tested contaminants were below detectable limits in all effluent samples tested.

1 = micrograms per liter (µg/l) are equivalent to parts per billion (ppb) **µg/l** = micrograms per liter

TABLE 2 OF 2
PRODUCT FILE NUMBER 20140319
JL-300 ORGANIC CHEMICAL REDUCTION CAPABILITIES

Flow Rate: 22.7 liters per minute (lpm) [6.0 gallons per minute (gpm)]
Capacity: 223,339 liters (l) [59,000 gallons (gals.)]

Tested Contaminants	Influent Challenge Concentration (µg/l)[1]	Max. Permissible Effluent Concentration (µg/l)[1]
1,1-dichloroethene	5.7	7.0
1,1,1-trichloroethane	51.2	200
Tetrachloroethene	2.5	5.0
Trichloroethylene	33.3	5.0

Other conditions: The contaminant reduction capabilities displayed in Table 2 of 2 were generated by testing conducted under actual field end use conditions in the Town of Hudson, St. Croix County, WI. The concentrations of the tested contaminants were below detectable limits in all effluent samples tested.

1 = micrograms per liter (µg/l) are equivalent to parts per billion (ppb) **µg/l** = micrograms per liter

Sincerely,

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